

## Ulla Wandinger

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### **Dr. Ulla Wandinger**

Leibniz Institute for Tropospheric Research (TROPOS)

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Germany

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**Room:** 217 (Building 23.1)

### **Function**

Senior Scientist

### **Department**

Remote Sensing of Atmospheric Processes

### **Group**

Ground-based Remote Sensing

### **Research areas & research interest**

- Cloud and aerosol remote sensing
- Lidar instrument development
- Lidar methodology development
- Lidar/radar networks and satellite applications

### Current projects

- ACTRIS-2 (Aerosols, Clouds, and Trace gases Research Infrastructure, EU)
- EarthCARE – APRIL (Atmospheric Products from Imager and Lidar, ESA)

### Completed projects (selection)

- ACTRIS (Aerosols, Clouds, and Trace gases Research Infrastructure, EU, 2011-2015)
- EarthCARE – IRMA (Imager Retrieval Methods and ATLID Synergy, ESA, 2009-2011)
- ESA-CALIPSO (Aerosols and Clouds: Long Term Database from Spaceborne Lidar Measurements, ESA, 2008-2011)
- EARLINET-ASOS (European Aerosol Research Lidar Network – Advanced Sustainable Observation System, EU, 2006-2011)
- RAMSES (Raman Lidar for Atmospheric Moisture Sensing, DWD, 2004-2010)
- EARLINET (European Aerosol Research Lidar Network, EU, 2000-2003)

### Measuring Systems (constructed and supervised)

- MARTHA
- WiLi
- RAMSES (Raman Lidar for Atmospheric Moisture Sensing, DWD)

### Teaching

- Lecture: Scattering and Atmospheric Optics (University of Leipzig)
- Seminar: Applied Scattering Theory (University of Leipzig)

### Memberships/Boards

Since 2007 Member of the ESA–JAXA EarthCARE Joint Mission Advisory Group		
Since 2007 Member of the EARLINET Council		
Since 2011 Member of the Scientific Steering Committee of ACTRIS (Aerosols, Clouds, and Trace Gases Research Infrastructure)		
Since 2014 Member of the Editorial Board “Atmospheric Measurement Techniques”		

### Curriculum vitae

#### Academic qualification

1982–1986 Student of Physics  Technical University “Otto von Guericke” Magdeburg		
1986–1990 Student of Physics University of Hamburg		
1990 Diploma University of Hamburg		
1994  PhD University of Hamburg		

#### Research Experience

1989 - 1990 Diploma student GKSS Research Center Geesthacht		
1990 - 1993 PhD student GKSS Research Center Geesthacht		
Since 1994 Scientist TROPOS Leipzig		

### Publications

all Publications

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